

Title (en)

AN INTEGRALLY COATED RAILROAD CROSSTIE AND MANUFACTURING METHOD THEREOF

Title (de)

VOLLSTÄNDIG BESCHICHTETE EISENBAHNSCHWELLE UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

TRAVERSE DE RAIL INTEGRALEMENT REVETUE ET FABRICATION DE CELLE-CI

Publication

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Application

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Abstract (en)

This invention discloses a wholly wrapped railroad crosstie. It is composed of an inner core and a shell that is made of deformable composite materials. The shell is molten and united together with the inner core as a whole when it is formed. The shell covers the inner core wholly. There's no seam on the crosstie at all. So it successfully avoids the separation and friction of the crosstie. It greatly increases the reliability and service life of the crosstie. And it reduces the cost of maintenance.

IPC 8 full level

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